RAW SEQUENCE LISTING

\# 4

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/511,237_

Source: _Pu/10_

Date Processed by STIC: _6/13/05_

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PCT

RAW SEQUENCE LISTING   DATE: 06/13/2005
PATENT APPLICATION: **US/10/511,237**   TIME: 17:09:49

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\06132005\J511237.raw**

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Expression of
 7       Genes
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11 <140> CURRENT APPLICATION NUMBER: US 10/511,237
12 <141> CURRENT FILING DATE: 2004-10-12
14 <160> NUMBER OF SEQ ID NOS: 5
16 <170> SOFTWARE: PatentIn version 3.1
18 <210> SEQ ID NO: 1
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PATENT APPLICATION: **US/10/511,237**   TIME: 17:09:49

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Output Set: **N:\CRF4\06132005\J511237.raw**

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261 ctttcgtctt caagaattct tatcatgaca ttaacctata aaaataggcg tatcacgagg  11100
262 ccctttcgtc atcatcaata atatacctta ttttggattg aagccaatat gataatgagg  11160
263 gggtggagtt tgtgacgtgg cgcggggcgt gggaacgggg cgggtgacgt agtagtgtgg  11220
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/13/2005
PATENT APPLICATION: **US/10/511,237**   TIME: 17:09:50

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\06132005\J511237.raw**

<u>Invalid Line Length:</u>
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6,24

<u>Invalid <213> Response:</u>
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:4,5

VERIFICATION SUMMARY   DATE: 06/13/2005
PATENT APPLICATION: **US/10/511,237**   TIME: 17:09:50

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\06132005\J511237.raw**

```
L:47 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:40
L:301 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:294
L:543 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:536
L:557 M:283 W: Missing Blank Line separator, <220> field identifier
L:791 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:784
L:807 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:1006 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:999
L:1022 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
```